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TI Zeolite **mortar** and its manufacture for residential use
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AB The zeolite **mortar** comprises zeolite 20-60, loess 20-50, illite 10-30, slag 5-15, quicklime 5-15, and TiO2 (**photocatalyst**) 1-10 weight%. The zeolite **mortar** is manufactured by the following steps: (1) removing water from a mixture of natural zeolite, loess, and illite, (2) roughly crushing the mixture and drying at 100-400° at heating rate 1-10°/min for 1-6 h, (3) naturally cooling while drying for 0.5-4 h, (4) pulverizing into powder at 200-500 mesh or lower than that, and (5) producing a **mortar** by using the powder. The zeolite **mortar** has high compressive strength, deodorization activity, far IR radiation activity, and moisture control ability.
ST zeolite **mortar** manuf residential use; loess illite slag quicklime titania zeolite **mortar**; compressive strength far IR radiation deodorization moisture control **mortar**
IT IR radiation
(far-IR; manufacture of zeolite **mortar** with high compressive strength for high deodorization, far IR radiation, and moisture control activity)
IT Loess
Mortar